

SECRET

2 July 1970

MEMORANDUM FOR: The Record

SUBJECT : Status of [ ] Room Complications

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1. During the recent air-conditioning difficulties [ ] it was noted that the 5 ton air handlers installed in the [ ] room were causing condensate water to accumulate in the boiling pans faster than the pans could convert the condensate water into humidity, thereby causing flooding on the floor.

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2. A temporary means of eliminating this flooding was to have computer room personnel vacuum this water into a 50 gallon drum.

3. When the air-conditioning problems were overcome in the later part of June, flooding conditions still existed which necessitated consultation with the firm [ ] designers of the [ ] room. Their immediate reaction was to have the room temperature thermostat set at 74°, thereby reducing the amount of humidity in the room.

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4. This action seemed to alleviate the flooding problems until it was brought to the attention of the Building Services Section personnel on Tuesday, 30 June 1970. Upon investigation by our personnel, we found that the thermostat again had been lowered to 70°, causing higher humidity in the room than operationally desired.

5. Again, through consultation [ ] on 2 July, it was determined that the chief engineer of the [ ] Company would visit the [ ] room at 1000 Friday, 3 July, in company [ ] to research thoroughly the problems encountered in our flooding conditions.

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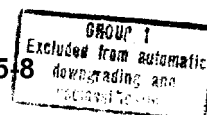
6. This date, I informed [ ] engineers, who were charged with balancing the air flow in the [ ] room during the later part of June, had speeded the fans on the 5 ton air handlers to get a greater air flow. In doing so, it is believed that the excessive speed of the fans in all probability, are causing the fast moving air to suck up the condensed water and splash this water through component parts of the air handlers, thereby not permitting

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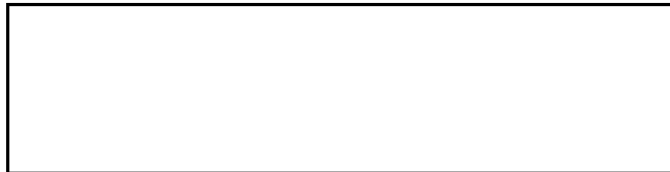
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100% of the condensed water to flow freely to the boil off pans.  
A follow-up report as to our findings will be furnished the AM  
of 6 July 1970.



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